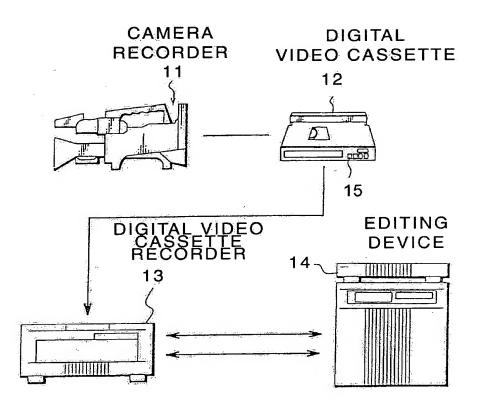


Inventor(s): Akira TAKANO
Invention: Method of Generating Index ... Data

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FIG. 1

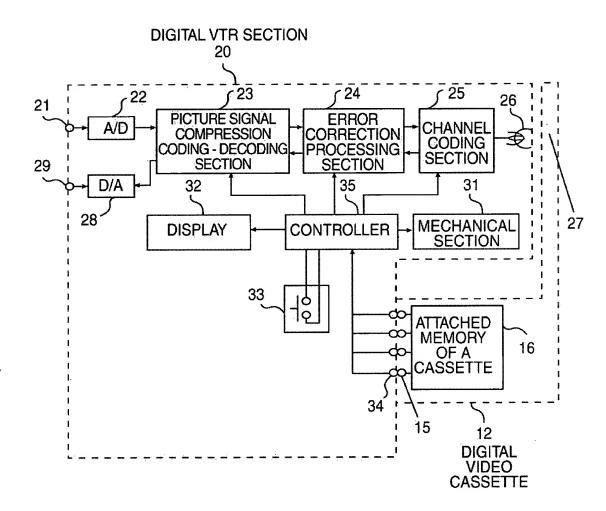




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FIG. 2





Invention: Method of Generating Index ... Data

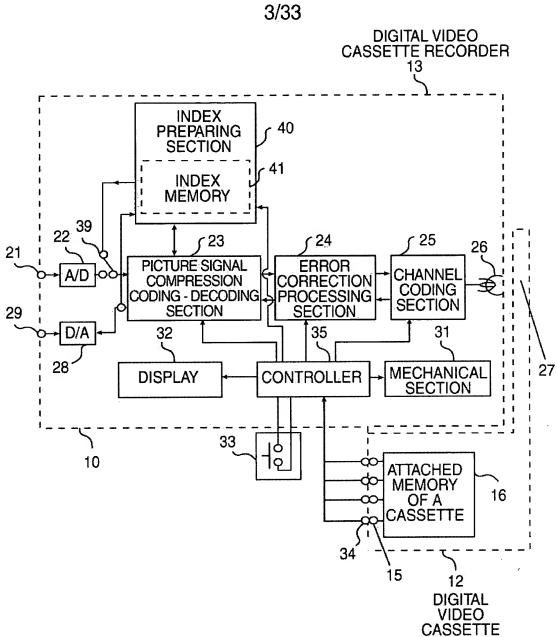


FIG. 3



Inventor(s): Akira TAKANO
Invention: Method of Generating Index ... Data

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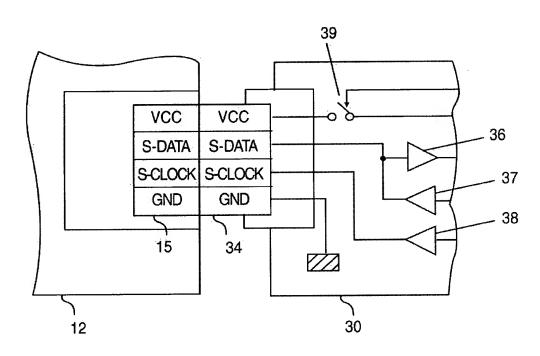
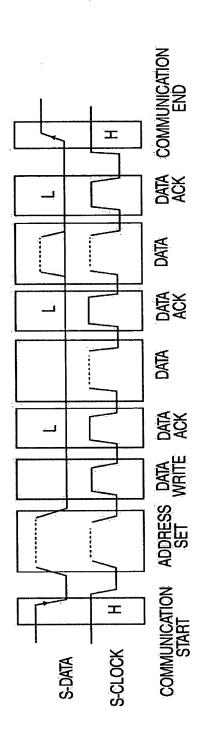


FIG. 4



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Inventor(s): Akira TAKANO
Invention: Method of Generating Index ... Data
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1 BYTE 1BYTE 1 BYTE S-CLOCK -/ S-DATA

FIG. 6

Inventor(s): Akira TAKANO
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COMMUNICATION END PATA ACK A DATA PATA ACK ACK DATA ACK A DATA READ ェ COMMUNICATION ADDRESS START SET I S-CLOCK S-DATA

FIG. 7



Inventor(s): Akira TAKANO
Invention: Method of Generating Index ... Data
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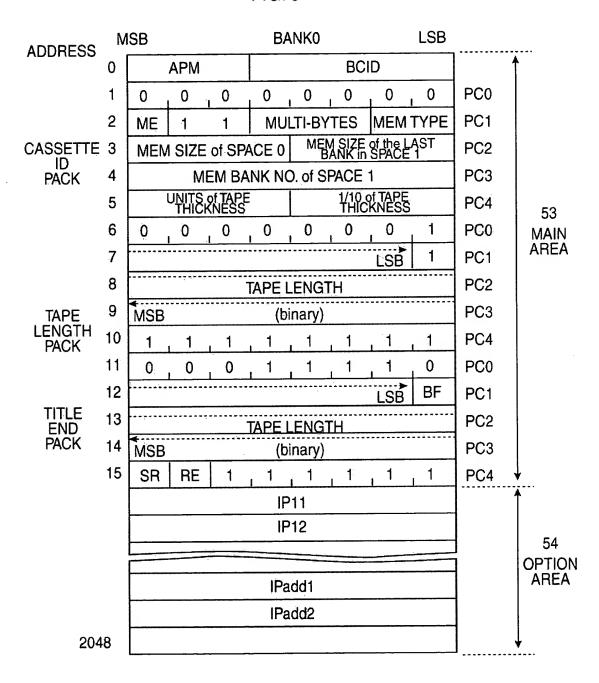
	MSB							LSB	mai a santa a
PC0			1	ı	1	1.	1	I	51 PACK HEADER
PC1			1	1	ı	1	1	1	
PC2		ı	í	1	1		1	1	DATA 52 SECTION
PC3		İ	1	ı	1	1	1	ı	⁵² SECTION
PC4			ı	1			L	L	



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FIG.9

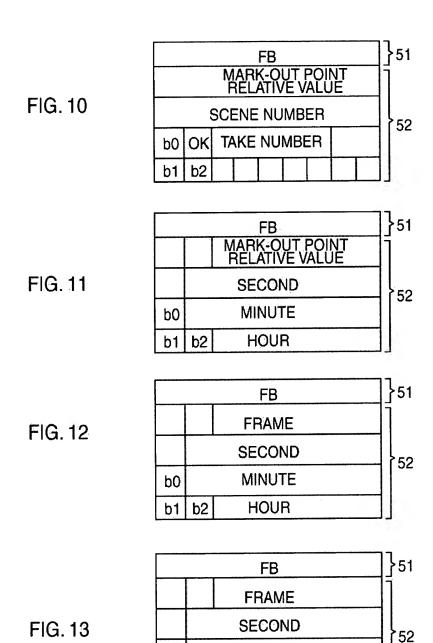




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MINUTE

HOUR

b0

b1 b2

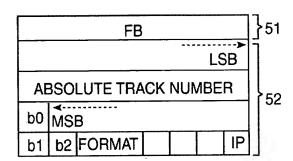


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FIG. 14



MSB

LSB

FIG. 15

PC0	1	1	1	1	1 1	, 0	1	1
PC1	∢	RELA	MAI TIVE V	RK-OU ALUE 1	T POIN 10 PC1	T OF IPI	N2	
PC2		SCENE NUMBER LSB						LSB
PC3	0	OK/NG	T	AKE N	IUMBE	R	MS	В
PC4	1	0	1	1	1	1	1	1

MSB

LSB

PC0	1	1	†	1	1	0	1	1
PC1	* ···	RELATI	MAF VE VAL	K-OUT UE TO	POINT PC1 OF	IPN1	LSB	
PC2		TENS	of SEC	ONDS	UNI	TS of	SECC	NDS
PC3	1	TENS	of MIN	UTES	UNI	TS of	MINU	TES
PC4	1	0	TENS	of SS	UNI	TS of	HOUF	RS

FIG. 16



Inventor(s): Akira TAKANO
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MSB

LSB

FIG. 17

PC0	1	, 1	, 1	, 1	1	0	, 1	, 1
PC1	1	1	TEN FRA	IS of MES	UNI	TS of	FRAM	ES
PC2	1	TENS	of SEC	CONDS	UNI	TS of	SECO	NDS
PC3	0	TENS	of MIN	IUTES	UNI	TS of	МІМИТ	ΓES
PC4	0	1	TENS	S of RS	UNI	TS of	HOUR	S

MSB

LSB

FIG. 18

PC0	1	1	1	1	1	0	1	1
PC1		, 1	TEN FRA	S of MES	UNI	TS of	FRAM	IES
PC2		TENS	of SEC	ONDS	UNI	TS of	SECO	NDS
PC3	0	TENS	of MIN	UTES	UNI	TS of	MINU.	TES
PC4	0	. 1	TENS	of RS	UNI	TS of	HOUF	RS

MSB

LSB



PC0	1	, 1	, 1 ,	1	1	0	1	1
PC1								LSB
PC2			ABSOLU	TE TF	RACK N	IUMBE	R	
PC3	1.	MSB		****				********
PC4	0	. 0	FORM	AT	1	1	1	1P

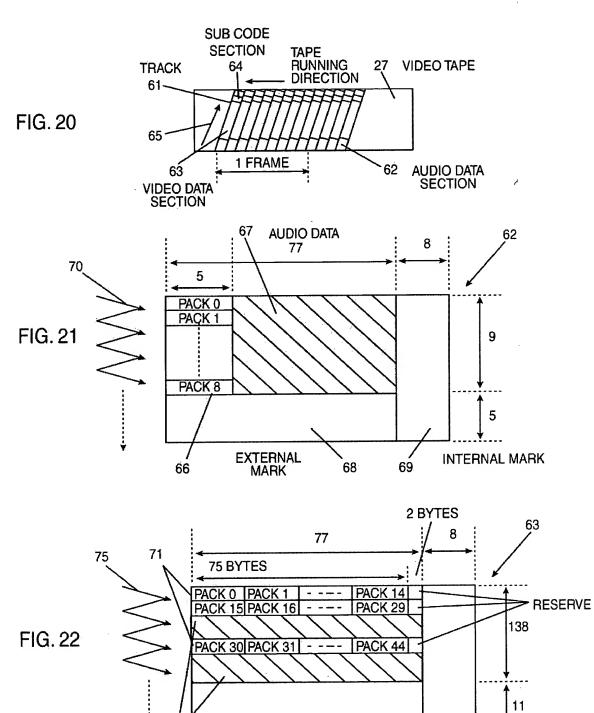
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FIG. 23

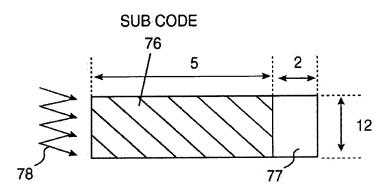
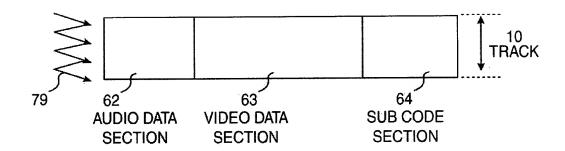


FIG. 24





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FIG. 25

MS	ISB IDO LSBMSB ID1 LSB DATA					
	FR	1 1			SB,NO.	SUB CODE DATA
	1	AP3	ADCO	LUTE	0	FB (1Padd1)
	1	TAG	TRAC		1	FB (1Padd2)
	1	TAG			2	FB (CUE)
	1	TAG			3	TTC
	1	TAG	ABSO TRAC	LUTE K NO	4	TTC or BIN or NO INFO
	1	TAG	(1010		5	TTC
	1	AP3			6	FB (IPn1)
	1	TAG		LUTE	7	FB (IPn2)
	1	TAG	TRAC	K NO.	8	
	1	TAG			9	TTC
	1	TAG		LUTE K NO.	10	TTC or BIN or NO INFO
	1	APT	111/10	K NO.	11	TTC



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FIG. 26

MS	B	ID	D_LSBMSB_ID	1 LS	B DATA
	FR			SB,NO.	SUB CODE DATA
	0	AP3	ABSOLUTE	0	FO (PM)
	0	TAG	TRACK NO.	1	FB (R1)
	0	TAG		2	FB (R2)
	.0	TAG		3	TTC
	0	TAG	ABSOLUTE TRACK NO.	4	REC DATE or NO INFO
	0	TAG	TI VIOITIO.	5	REC TIME or NO INFO
	0	AP3		6	RESERVE
1	0	TAG	ABSOLUTE	7	RESERVE
	0	TAG	TRÁCK NO.	8	RESERVE
	0	TAG		9	TTC
	0	TAG	ABSOLUTE TRACK NO.	10	REC DATE or NO INFO
	0	APT	TRAOR NO.	11	REC TIME or NO INFO

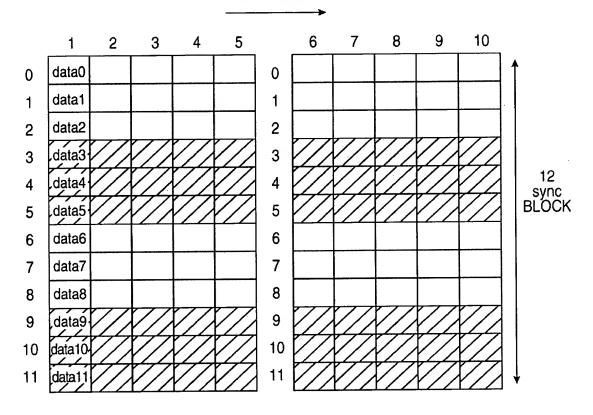


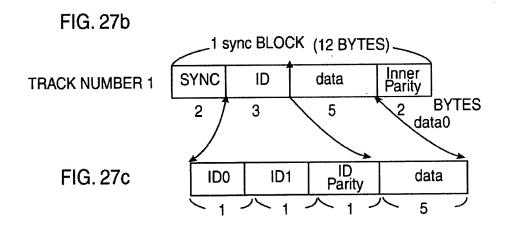
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TRACK NUMBER







Invention: Method of Generating Index ... Data

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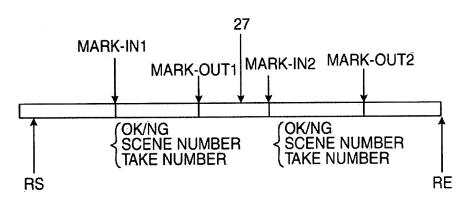


FIG. 29

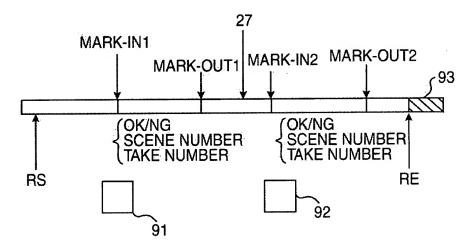
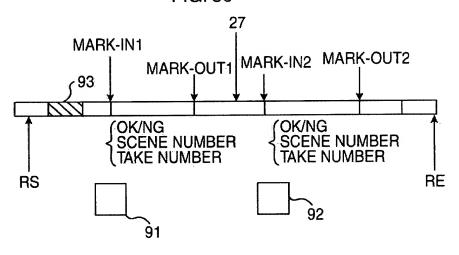


FIG. 30





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FIG. 31

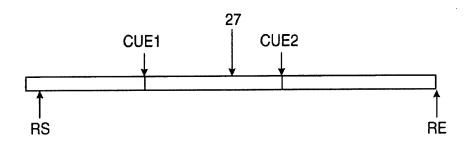


FIG. 32

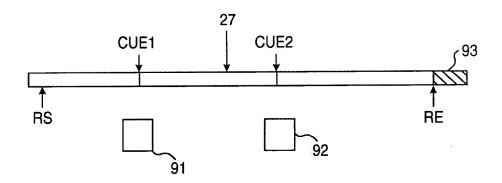
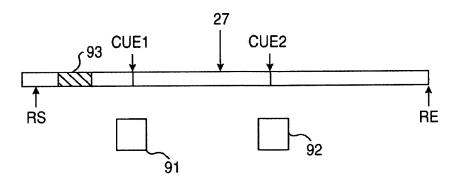


FIG. 33





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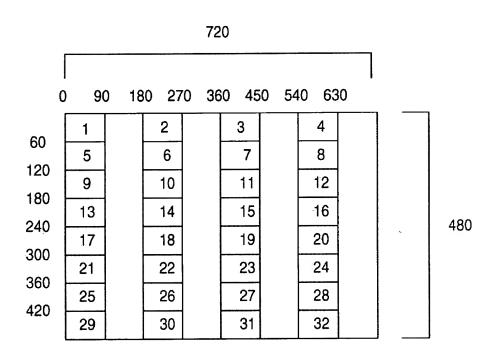


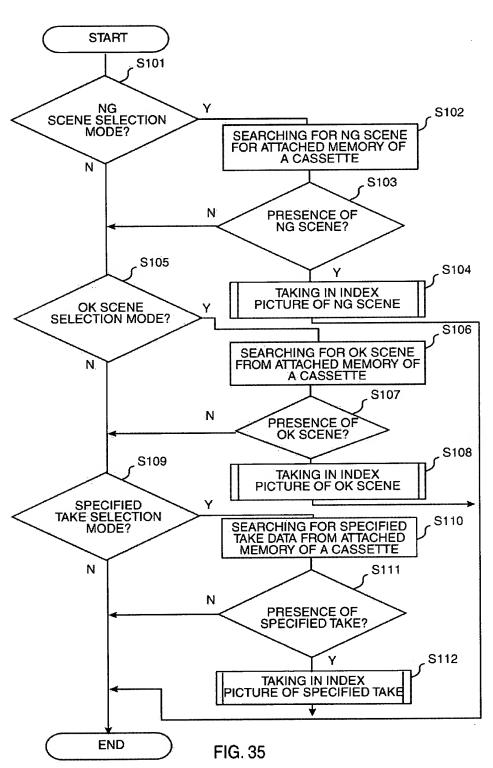
FIG. 34

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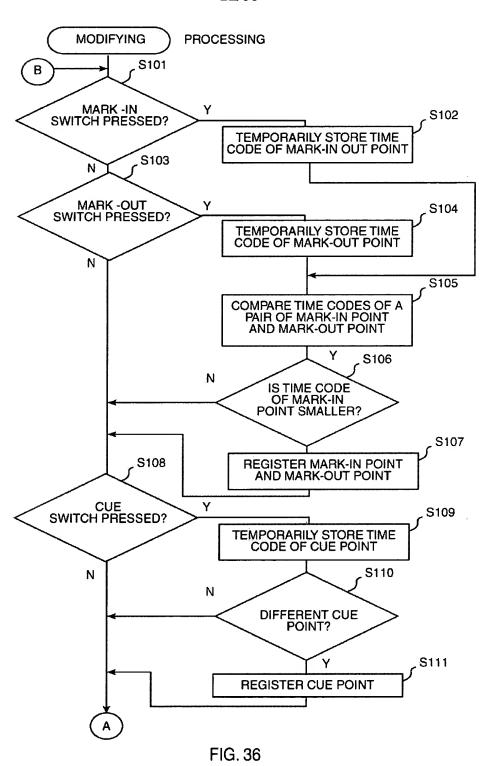


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Inventor(s): Akira TAKANO

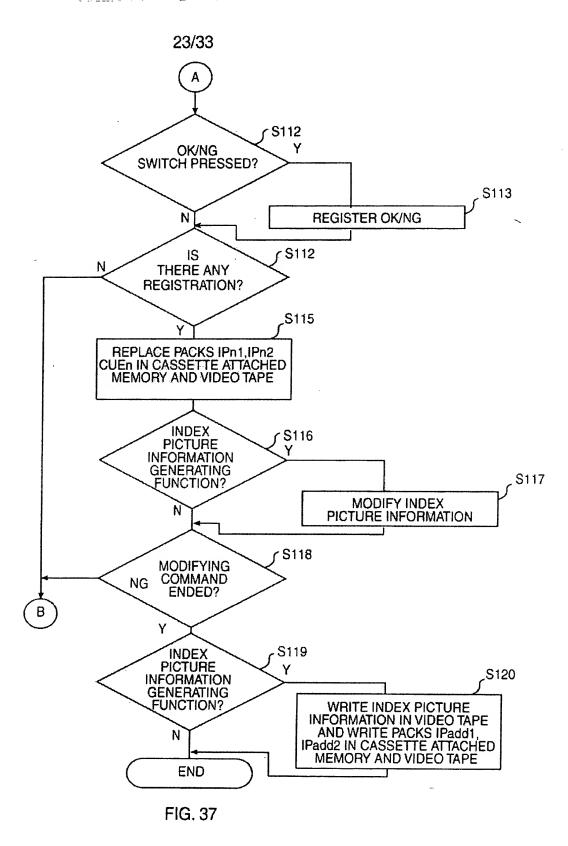
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FIG. 38

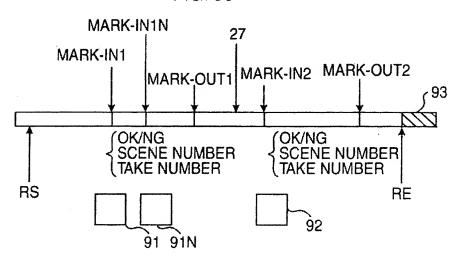


FIG. 39a

FIG. 39b

MAIN AREA	MAIN AREA
IP11(MARK-IN1)	IP11(MARK-IN1N)
IP12(MARK-IN1)	IP12(MARK-IN1N)
IP21(MARK-IN2)	IP21(MARK-IN2)
IP22(MARK-IN2)	IP22(MARK-IN2)
•	· •
IPadd1	IPadd1
IPadd2	IPadd2



Inventor(s): Akira TAKANO
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FIG. 40a

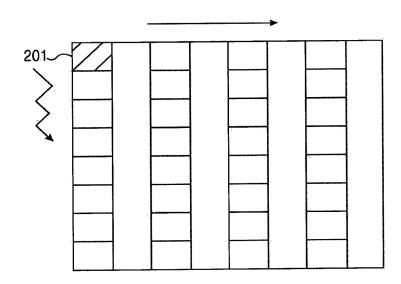
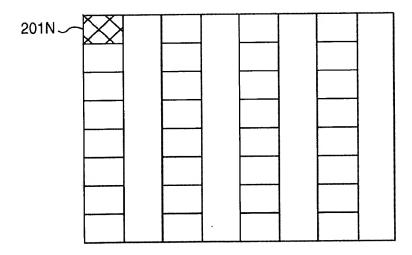


FIG. 40b





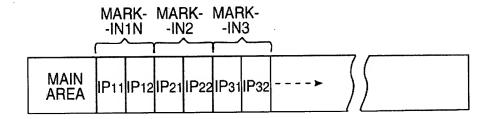
Invention: Method of Generating Index ... Data

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FIG. 41a

201N ~	Kı Ç	2	3	4	
	5	6	7	8	
	9	10	11	12	
	13	14	15	16	
	17	18	19	20	
	21	22	23	24	
	25	26	27	28	
	29	30	31	32	

FIG. 41b





Invention: Method of Generating Index ... Data

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FIG. 42

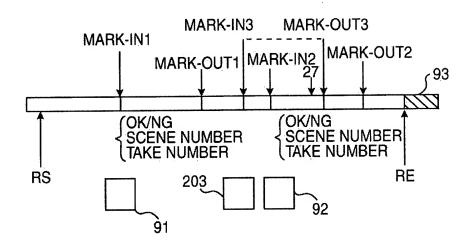


FIG. 43a

MAIN AREA
IP11(MARK-IN1)
IP12(MARK-IN1)
IP21(MARK-IN2)
IP21(MARK-IN2)
•
•
•
•
IPadd1
IPadd2

FIG. 43b

MAIN AREA
IP11(MARK-IN1)
IP12(MARK-IN1)
IP21(MARK-IN3)
IP22(MARK-IN3)
IP31(MARK-IN2)
IP32(MARK-IN2)
•
•
IPadd1
IPadd2



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FIG. 44a

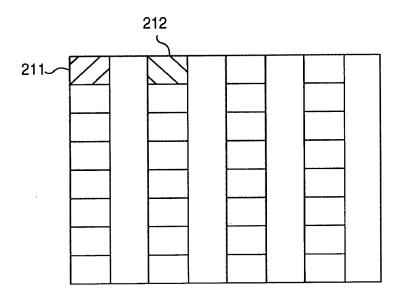
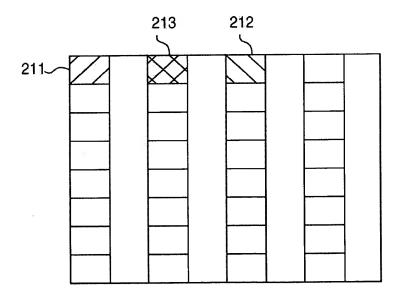


FIG. 44b





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FIG. 45a

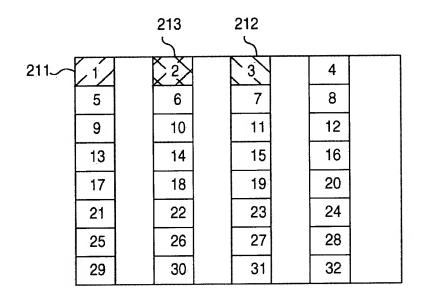
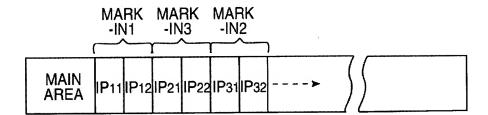


FIG. 45b





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FIG. 46

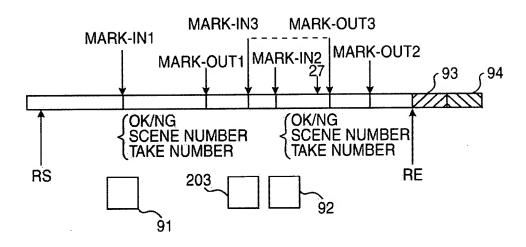


FIG. 47a

MAIN AREA
IP11(MARK-IN1)
IP12(MARK-IN1)
IP21(MARK-IN2)
IP21(MARK-IN2)
•
• •
•
:
IPadd1(VALID)
IPadd2(VALID)
-

FIG. 47b

MAIN AREA
IP11(MARK-IN1)
IP12(MARK-IN1)
IP21(MARK-IN3)
IP22(MARK-IN3)
IP31(MARK-IN2)
IP32(MARK-IN2)
•
•
•
IPadd1(VOID)
IPadd2(VOID)
IPadd1N(VOID)
IPadd2N(VOID)



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FIG. 48

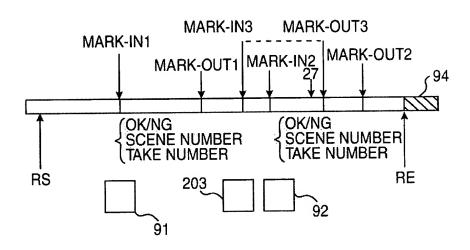


FIG. 49a

MAIN AREA
IP11(MARK-IN1)
IP12(MARK-IN1)
IP21(MARK-IN2)
IP21(MARK-IN2)
•
•
•
•
IPadd1
IPadd2

FIG. 49b

	_
MAIN AREA	
IP11(MARK-IN1)	
IP12(MARK-IN1)	
IP21(MARK-IN3)	
IP22(MARK-IN3)	
IP31(MARK-IN2)	
IP32(MARK-IN2)	
•	
•	
IPadd1N	_
IPadd2N	_
	_



Invention: Method of Generating Index ... Data

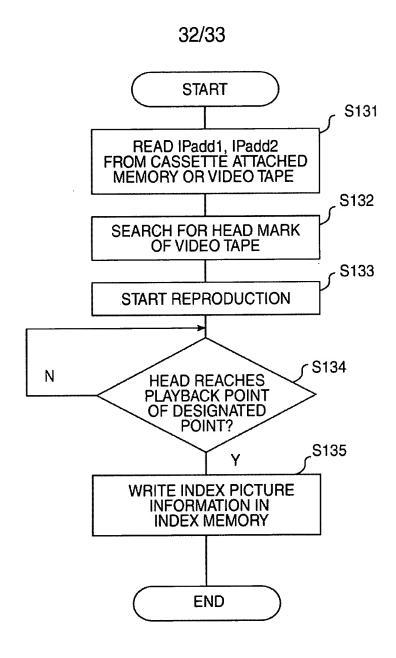


FIG. 50



Invention: Method of Generating Index ... Data

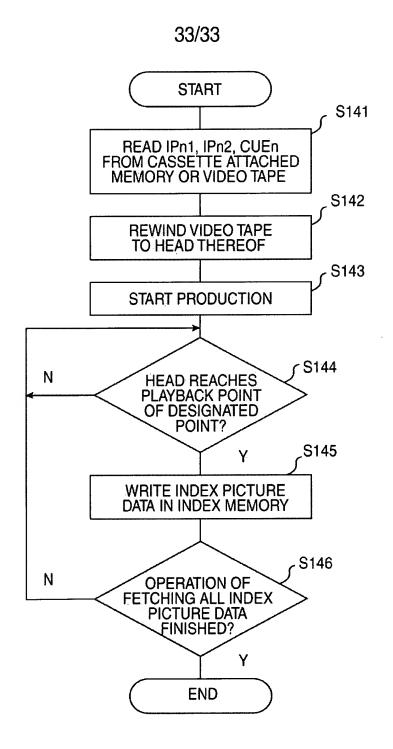


FIG. 51